

ABSTRACT

There is provided a shutter opening/closing apparatus which automatically performs shutter opening or closing in accordance with an insertion of a cartridge and does not give an influence, such as abnormal noise or backlash, to loading and unloading of a cartridge. The shutter opening/closing apparatus includes a follower member 18 configured to be engaged, at an opening 11 of the cartridge 10, with a portion of a drive member 13 driven in the cartridge 10 for opening or closing a shutter 15 provided for the cartridge, and a cam mechanism 7, 7a limiting a movement of the follower member 18 so as to avoid contact of the follower member 18 to the opening 11 of the cartridge 10 at a time when the engagement between the follower member 18 and the portion of the drive member 13 is released.